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STRUCTURED CASE REVIEW STUDY.

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REVIEW BLANK (SCRB), COWORKER RATING BLANK

THIS STUDY EXAMINES A PROCEDURE FOR USING THE WRITTEN CASE RECORD AS A CRITERION FOR EVALUATING REHABILITATION COUNSELOR PERFORMANCE IN STATE "DVR" (STATE-FEDERAL GENERAL VOCATIONAL REHABILITATION PROGRAM) AGENCIES. THE RESEARCHERS OUTLINE CERTAIN OBJECTIVES (TECHNICAL, AGENCY SERVICES, AND STAFF DEVELOPMENT) AS DESIRABLE IN THE EVALUATION PROCEDURES OF SUCH AGENCIES. BASED UPON EARLIER WORK DESCRIBING CRITICAL REQUIREMENTS IN REHABILITATION: THE STRUCTURED CASE REVIEW BLANK (SCRB) WAS DEVELOPED. SUPERVISORS WERE TRAINED TO USE THIS BLANK WHICH ASSESSED NINE AREAS OF COUNSELOR PERFORMANCE AND FOUR ADDITIONAL ASPECTS OF CLERICAL COMPETENCE, RATINGS OBTAINED FROM 26 SUPERVISORS OF 143 COUNSELORS WERE INTERCORRELATED WITH EACH OTHER AND WITH OTHER CRITERIA. RATINGS OF CASE RECORDS ARE ABOUT AS RELIABLE AS OTHER TYPES OF RATINGS USED TO EVALUATE COUNSELOR PERFORMANCE. BECAUSE AN ANALYSIS OF RELATIONSHIPS WITHIN THE SCRB HAS SHOWN RATHER HIGH INTERCORRELATIONS AMONG THE DIMENSIONS, GROUPS, AND TOTAL SCORES OF THE BLANK, SCRB RATINGS HAVE BEEN REJECTED IN THE DIFFERENTIAL ANALYSIS OF COUNSELOR PERFORMANCE. THIS DOCUMENT WAS PUBLISHED IN "THE CRITERIA PROBLEM IN REHABILITATION COUNSELING" AS CHAPTER III (PP. 16-27), APPENDIX B (PP. 71-72), APPENDIX C (PP. 73-82), APPENDIX H (PP. 120-122), AND REFERENCES (PP. 123-129). (PS)

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THE CRITERIA PROBLEM IN REHABILITATION COUNSELING

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CHAPTER III

STRUCTURED CASE REVIEW STUDY

The Nature of the Problem

An important part of our total study was the examination of a procedure for using written case records as a criterion for evaluating rehabilitation counselor performance in state DVR agencies. In planning this study, we assumed that certain objectives were desirable in the evaluation procedures of such agencies. Consequently, it may be helpful, in order to better understand why this study was undertaken, as well as the resulting information, to begin by considering what these objectives were.

- 1. Agency Services Objective: Evaluation of counselor performance should ultimately be based on how well the services he provides achieve agency goals as reflected in agency policy and philosophy. Such goals are the agency's reason for existence.
- 2. Staff Development Objective: Evaluation should permit differential analysis of counselor performance to aid him in overcoming areas of weak performance. This would also permit in-service training, state conferences, etc., to bear on any supplemental training the staff as a whole might need.
- 3. <u>Technical Objective</u>: Evaluation procedures should be as reliable and economical as is consistent with the above objectives.

Since the rehabilitation counselor's job is highly complex, descriptive research must first be done to define criteria of performance that can achieve the stated objectives of performance evaluation and are feasible for use in later research studies in such areas as selection, training, and program planning. In this study, the Structured Case Review Blank (SCRB) (Appendix B),

ratings of counselor case records on selected variables, and their relationships with other immediate and intermediate-level criteria was of central interest. The SCRB rating form was developed and studied because (1) the previous survey of Muthard and Miller (1963) revealed that DVR agencies already use case review to evaluate certain dimensions of counselor performance; however, there had been no research on this criterion; (2) we thought the SCRB might permit differential analysis of counselor performance, in keeping with the staff development objective of such evaluations; and (3) the experiences and findings from rating case material with the SCRB might indicate the feasibility of evaluating counselor performance in this manner.

Procedures of the Study

Selecting Dimensions and Format for the SCRB: The variables that were judged in the record were selected from an earlier Iowa study of critical counseling behavior. Jaques' (1959) study established the importance of these dimensions in considering the work of the rehabilitation counselor. They were placed together in three logical groups in the case review blank: Group I: Creation of a therapeutic climate - interacting; Group II: Information giving, gathering - evaluating; Group III: Structuring. Each grouping has three case service variables.

The nine case service variables required paired judgments of (1) need and (2) amount provided in particular cases. These were judged on a seven-step scale:

The groups and items are listed below:

Group I

- 1. Need to create a therapeutic climate.
- 2. Need to work with other agencies or professional associates.
- 3. Need to create a learning situation for client or significant others.

Group II

- 4. Need for information from others as well as client.
- 5. Need for giving information to client about vocations or rehabilitation facilities.
- 6. Need for a careful, extended evaluation of information.

Group III

- 7. Need to arrange for this client.
- 8. Need for time in this case.
- 9. Need to orient client to services.

An individual definition of each variable was presented to supervisors, both in small group discussions and a training manual. We also suggested the kinds of case record data upon which the amount of need and the amount of case service provided could be rated for each dimension.



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It was assumed that by taking the discrepancy between scores for the amount of need and the amount of provision, a "performance index" could be derived. In a minus difference, need was judged greater than amount provided, indicating a deficient provision. In a plus difference, amount provided was judged greater than need, indicating an over-concern. Thus, scores on each variable reflect the degree to which the counselor has been deficient or over-concerned, with no discrepancy (zero difference between (1) need and (2) counselor provision ratings) indicating "perfect" performance. Performance can suffer not only in being "deficient" but also in being "over-concerned" with a service for which there is no great need.

On the front of the SCRB, we listed four aspects on which to rate the clerical handling of a case. Each was rated on a one- to seven-step scale. These were added to secure total case points. They included:

- 1. Clerical Detail: Whether a case was rated low or high (with four as the average) depended upon the inclusion and degree of completeness of agency forms appropriate to a case in this status. That is, medical and special examinations, psychological appraisal, social and vocational histories, financial forms, etc., had been completed with care.
- 2. Organization of Case: In rating this, the supervisor focused upon the degree to which the case was organized in accordance with agency directives. For example, notes, medical reports and other data were arranged to facilitate handling by any individuals who must work with the case. This was for cases as a whole.
- 3. Continuity of Notes: This concerned the amount of integration and continuity on case notes. The supervisors considered whether notes for different interviews and the various activities of the rehabilitation process were difficult to follow. They also evaluated how adequately the counselor reported the rationale for his actions and conclusions.
- 4. <u>Currency of Notes</u>: Since cases in various statuses (e.g. doing a medical work-up or in training) might not require current notes, the currency of notes was judged according to case status, to some extent.

Selecting Supervisors and Counselors: A major consideration for the design was that the study should permit reasonable generalization to the population of DVR agencies. Since the states are autonomous with respect to rating counselor performance, the results from one state would be rather highly restricted to that state only. Relationships between SCRB scores and other criteria could be expected to fluctuate from state to state. This would be due partly to smaller numbers involved in the analysis and partly to individual state practices. In line with this consideration, the six states used in the total criteria study were considered as one sample, representing the population of such agencies. To have been included in the overall study, a counselor must have: (1) worked at least one year for the agency; (2) worked in an office where at least two other counselors could give co-worker ratings; (3) been in the vocational rehabilitation program; and (4) nor worked in a highly specialized setting with unique work tasks (e.g. mental hospital or school for the deaf).

The number of participating counselors who met these criteria was 143, with 26 supervisors. Since the assignment of ratings on the SCRB was time-consuming (about five and one-half hours per counselor), it was impractical to have all 143 counselors rated on this blank. A further sample of 56 counselors was, therefore, selected by using the Co-Worker Rating Blank (Appendix C). Those in the top or bottom 25 per cent of the counselors in each state met the first criteria. In addition, counselors were selected so that a supervisor rated no more than three. (However, in one state which had only two supervisors, each supervisor rated four counselors). Since several supervisors failed to provide ratings on clerical completeness, there were only 41 counselors rated in this area. The ratings by co-workers and supervisors, as well as Job Satisfaction Inventories (Appendix D), were usually obtained by mail, with individual "kits" made up and coded for each counselor or supervisor.

Rater Training and Case Selection: The SCRB reliability data and the training of supervisors was done in small groups. After supervisors had finished rating the sample reliability cases, they were given a supply of Structured Case Review Blanks, a manual of instruction, and asked to rate assigned counselors. Making the ratings later in their district offices, the supervisors selected nine cases from each assigned counselor's caseload, as follows. At random, three cases were selected from Status 1 cases, three cases were selected from the Service Statuses (2 through 6), and three from Pre-employment Status (usually Status 7). The total sample of nine represents about a ten per cent sample, generally, of the counselor's caseload in these statuses. The blanks were mailed directly to the investigator without computation of scores by the supervisors.

Scoring and Analysing Ratings: A counselor's case review score, for any dimension of the blank, was taken as the absolute sum of discrepancy scores across all nine cases. Scores on all variables, except two, were converted to standard scores within each state. In effect, this eliminated inter-state differences and made all converted counselor scores on any variable comparable both between and within states. Ratings given by state administrators had already been changed to percentile ranks of counselors within states and were left as percentile ranks. Structured Case Review Blank scores, available on 56 counselors, were left as given by supervisors, since the relationship of SCRB scores over states, in order to increase the generalities of the results, was of prime interest.

The SCRB scores and all other variables were plotted to inspect for linearity. Meeting the linear criterion, the case review scores were then correlated with all other variables, using the Pearson Product-Moment correlation. These correlations were for the 56 counselors who had been rated on the SCRB; however, such correlations had to be corrected since the counselors included had been selected according to Co-Worker Ratings. This was accomplished through a procedure outlined by Gulliksen (1950) and Thorndike (1949). Essentially, the task involved correcting the correlation between two variables for selection made on a third. Such a procedure yields an estimate of the correlation that would have occurred had all 143 counselors been rated.



Results

In general, this study attempted to answer the question, "Can a case record evaluation form be developed to provide a criterion for evaluating rehabilitation counselor performance in state agencies?" More specifically, it attempted to provide answers to the following questions: (1) How reliable and interrelated are dimension, group, and total scores of the SCRB criterion in evaluating rehabilitation counselor performance in state agencies? What implications can be drawn from these findings? (2) Considering dimension, group, and total scores, what is the relationship of such a criterion to other criteria of performance? What implications can be drawn from these findings?

were: (1) co-worker ratings; (2) supervisor ratings; (3) present state ratings; (4) job satisfaction; (5) size of caseload; (6) caseload velocity; (7) number of 12 closures; (8) number of 13 closures; and (9) number of 15 closures. These variables are described in Chapter IV.

TABLE 5

ESTIMATES OF RELIABILITY FOR TOTAL AND SUBSCORES
OF STRUCTURED CASE REVIEW BLANK (N=56) 1

Description of Case Review Rating		Between Raters Extracted (2)
(1) Creation of a therapeutic climate.	3 7 *	49
(2) Working with other agencies or pro-	•	47
fessional associates.	49	62
(3) Creating a learning situation for		
client or significant others.	00	39
(4) Getting information from others as		
well as client.	36	64
(5) Giving information to client about		
vocations and/or rehabilitation fa-		
cilities.	30	50
(6) Doing a careful, extended evaluation.	55	71
(7) Arranging for the client.	58	72
(8) Giving sufficient time to a case.	70	76
(9) Orienting client to services.	49	71
Group I (Sum of 1, 2, 3)		
Group II (Sum of 4, 5, 6)	57	74
	53	71
Group III (Sum of 7, 8, 9)	59	74
TOTAL Score	64	82

Correlations have been corrected for selection on Co-Worker Ratings using a procedure recommended by Davis (Thorndike, 1949).

^{*}Decimals have been omitted from correlations.

Reliability of the SCRB: Using intra-case variance as an error term, Table 5 presents the estimated reliability coefficients for dimension, group, and total scores. Actually, two error variances were identified for each case review dimension. Since, normally, only one supervisor rates a counselor, the error which includes between-rater (within-case) variance, since it includes consistent rater differences, might be considered more appropriate than the interaction variance. However, it could also be argued that if supervisors were given longer training in using the blank (in this study, they were given about one hour of training), consistent rater differences would tend to grow smaller. In this case, the error would become equivalent to interaction variance when such differences vanished. In any actual situation, therefore, it could be anticipated that the reliability coefficient would fall in the range between columns (1) and (2) of Table 5 for a given dimension score on the SCRB. depend partly on the amount of training and familiarity a supervisor had with the blank, as well as the care he exercised in completing it. Five actual cases, representing different ages, sex, and disability, were selected from the files of a DVR agency. With identifying information disguised, these cases were rated by all supervisors in the study; and reliability estimates were derived from the ratings of these "dummy" cases.

Table 5 reflects relatively less reliability on dimensions (1), (3), (4) and (5). The fact that ratings on dimensions (1) and (3) were made on material more difficult to define and more subjective in character probably accounts for their relatively low reliability. Ratings on dimensions (4) and (5), however, were on dimensions similar to what state supervisors often consider in their current unstructured approach to case review. Such coefficients, however, reflect relatively little reliability among supervisor ratings on what constitutes "good" counselor performance for these dimensions.

Group and total scores were relatively more reliable since they are based on scores over several dimensions. In addition, ratings on dimensions which were relatively more concrete and specific, dimensions (7) and (8), also tended to be more reliable. Of all dimension ratings, those for dimension (8), "Giving sufficient time to a case," were the most reliable in this study.

Relationships Within the SCRB: In general, research on rating forms has revealed such constant errors as halo effect, error of central tendency, logical error, contrast error, and proximity error (Guilford, 1954). The relationships which exist among the dimensions of the SCRB provide information on how such errors may be operating in this procedure.

Table 6 provides the intercorrelations, within the SCRB, of dimension scores and the total score. It is apparent from this table that scores on different dimensions within the blank have moderate to high intercorrelations and probably reflect a considerable amount of constant error.

The range of correlations in Table 6 for individual dimension scores extends from .63 to .83, with a median correlation of .73. When the intercorrelations over the five dummy cases used in the reliability study were computed, the range extended from .14 to .85, with a median of .55. The correlations of Table 6 were obtained when the supervisors knew whom they were rating and, consequently, reflect halo effect to some extent. It is reasonable to suppose, however, that halo operated to a lesser extent for the dummy cases and thus correlations were reduced in some instances.



TABLE 6

INTERCORRELATIONS AMONG CASE REVIEW DIMENSIONS SCORES
AS WELL AS TOTAL SCORE (N=56)

			(jas <u>e</u>	Rev	Lew I	katir	igs		•
Desc	ription of Case Review Ratings	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	$(10)^1$
(1)	Creation of a therapeutic climate.	82 [±]	77*	74 [±]	67 [±]	79	83 _{sp}	59	61	83
(2)	Working with other agencies or professional associates.		74	80 [±]	62	76	79	64	57	83
(3)	Creating a learning situation for client or significant others.			74 [±]	76 [±]	82	76	67 [±]	74*	87
(4)	Getting information from others as well as client.				66.*	76 [±]	72 [±]	61 [±]	56	79
(5)	Giving information to client about vocations and/or rehabilitation farcilities.					75 [*]	71 [±]	63 [±]	78 [±]	81
(£)	Doing a careful, extended evaluation.						77 [±]	75 [±]	65	88
(7)	Arranging for the client.							61	68	85
(8)	Giving sufficient time to a case.	,						•	56	73
(9)	Orienting the client to services.									75
(10)	TOTAL Score									



^{*}Decimals have been omitted from correlations.

Correlations corrected for inclusion of variable.

These correlations reflect relatively more halo effect. Significance of differences from correlations for "dummy" cases was established by (-1.64) (S.D. of Zr for N=56), in which correlations of dummy cases were treated as hypothesized values. Differences were significant at .05 level (Blalock, 1960).

Assuming that significant differences between "dummy" and "actual" intercorrelations reflect this halo effect, Table 6 indicates those dimensions which appeared most susceptible to this error. From Table 6, we note that when supervisors rate counselors they actually know - as compared to dummy cases - ratings on dimensions (4) and (5) have significantly higher correlations with most of the other ratings. Apparently, supervisor impressions of how well the counselor collects and gives information form a basis for halo effect to operate on other ratings of his written case records. Thirteen of the 19 significantly higher correlations were found on these two dimensions. It is also interesting to note that ratings on the counselor's success in "creating a therapeutic climate" had higher correlations with ratings on how well he worked with other agencies and associates, as well as arranged things for the client. Of course, halo probably operated within all dimensions to some extent, but dimensions (4) and (5) appear to be the nucleus of such halo.

We can also assume that logical error, i.e., the raters' tendency to give similar ratings for traits that seem to them to be logically related, accounted for part of the high intercorrelations within the blank. For example, dimension (2) ("Working with other agencies or professional associates") correlates quite highly (.80) with dimension (4) ("Arranging for the client") (.79). These dimensions may well have a strong logical relationship in the supervisor's mind, and thus the ratings tend to be more similar.

Because of the high intercorrelations within the blank, dimension ratings do not cluster into the groups which Jaques (1959) and we used. Tables 7 and 8 present the intercorrelations of dimension with group scores and within the group scores themselves. The system of grouping used here clearly did not meet the criterion of independence between groups. That is, ratings within a group do not appear to correlate higher with each other than with other ratings or groups. It may be that constant errors, particularly halo and logical errors, are operating to obscure such groupings, but such errors are a part of any actual rating scheme and so must be taken into account. Because of the rather uniformly high intercorrelations within the SCRB, neither cluster nor factor analysis was feasible.

The supervisors in this study also made ratings on clerical completeness - case points - for the case records selected on each counselor. (As pointed out earlier, some supervisors did not rate case points for several counselors, and consequently the number of counselors was reduced to 41). As Table 9 shows, case points or ratings on clerical completeness have moderate relationships, on the average, with ratings on other dimensions. Dimensions (1), (3) and (9) correlate significantly higher with clerical completeness than do the other dimensions. Since dimensions (1), (3) and (9) were more difficult to define and rate, we might conjecture that supervisors confronted with ambiguous rating dimensions tended to rely on how completely the counselor filled out forms, made note entries, etc.

Relationships Between SCRB Ratings and Nine Criteria: Up to now, the analysis has focused on the blank itself. In this section, however, ratings on the SCRB are intercorrelated with nine other criteria of counselor performance. Examination of Table J (Appendix H) reveals that overall case review ratings do not correlate with other criteria. In only one instance, that of "Orienting the client to services" and "Supervisor ratings," was a significant correlation found.



TABLE 7

CORRELATIONS OF CASE REVIEW DIMENSION SCORES WITH GROUP SCORES (N=56)

		Groups 1			
Desc	ription of Case Review Ratings	I Sum of 1, 2, 3	II Sum of 4, 5, 6	III Sum of 7, 8, 9	
				•	
(1)	Creation of a therapeutic climate.	86*	81	77	
(2)	Working with other agencies or pro- fessional associates.	83	80	76	
(3)	Creating a learning situation for client or significant others.	78	86	83	
(4)	Getting information from others as well as client.	82	74	72	
(5)	Giving information to client about vocations and/or rehabilitation facilities.	73	76	82	
(6)	Doing a careful, extended evaluation.	85	84	84	
(7)	Arranging for the client.	86	82	73	
(8)	Giving sufficient time to a case.	68	75	64	
(9)	Orienting the client to services.	69	75	68	

Decimals have been omitted from correlations.

Correlations corrected for inclusion of variable.



TABLE 8

INTERCORRELATIONS AMONG CASE REVIEW GROUP SCORES
AS WELL AS TOTAL SCORE (N=56)

Des	cription of Case Review Ratings	Group II	Group III	<u>Totaî</u> l
Grou	up I	89*	85	89
(1)	Creation of a therapeutic climate.			
(2)	Working with other agencies or pro- fessional associates.			
(3)	Creating a learning situation for client or significant others.			
Grou	ip II		89	93
(4)	Getting information from others as well as client.	·		
(5)	Giving information to client about vocations and/or rehabilitation facities.			
(6)	Doing a careful, extended evaluation.			
Grou	ip III			90
(7)	Arranging for the client.			
(8)	Giving sufficient time to a case.			
(9)	Orienting the client to services.			,

^{*}Decimals have been omitted from correlations.

1 Corrected for inclusion of variable.

TABLE 9

CASE REVIEW DIMENSION SCORES AND TOTAL SCORE
WITH CASE POINTS (N=41)

<u>Desc</u>	ription of Case Review Ratings	Case Points
(1)	Creation of a therapeutic climate.	57 * *
(2)	Working with other agencies or pro- fessional associates.	33
(3)	Creating a learning situation for client or significant others.	53 [±]
(4)	Getting information from others as well as client.	36
(5)	Giving information to client about vocations and/or rehabilitation fa-cilities.	39
(6)	Doing a careful, extended evaluation.	37
(7)	Arranging for the client.	43
(8)	Giving sufficient time to a case.	25
(9)	Orienting the client to services	54 [±]
	TOTAL Score	50

Decimals have been omitted from correlations.

Correlations significantly higher (.05) than others in table. Significance established through a procedure developed by Hotelling (Blalock, 1960)

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Since supervisors gave both ratings and SCRB scores, it is surprising that additional SCRB ratings did not correlate significantly with the overall supervisor ratings. One could anticipate that constant errors, as was the case within the blank itself, would tend to raise the correlations between case review scores and ratings given by the same supervisors. The unreliability in both criteria extenuated the correlations. In addition, the two ratings were many times given months apart and in different forms. Consequently, two different views of the counselor were elicited: one a global rating based upon previous impressions, the other upon assessment of case records on structured dimensions.

Group and total scores of the SCRB do not correlate to any extent with the nine other criteria (Table K, Appendix H). The correlations between case points and scores on the nine criteria showed only one significant relationship. Present state ratings correlated .32 with case points (Table L, Appendix H).

Summary

Based upon earlier work describing critical requirements in rehabilitation counseling, a case review blank, the SCRB, was developed. Supervisors were trained to use this blank which assessed nine areas of counselor performance and four additional aspects of clerical competence. Ratings obtained from 26 supervisors for 143 counselors were intercorrelated with each other and nine other criteria.

Ratings of case records for evaluating counselor performance seem, in general, about as reliable as ratings used in other contexts (Guilford, 1954; Taylor and Hastman, 1956); that is, the average inter-rater correlation was between .50 to .60. Analysis of relationships within the SCRB has shown rather high intercorrelations among the dimensions, groups, and total scores of the blank. Such high intercorrelations require the rejection of SCRB ratings for differential analysis of counselor performance. Ratings on clerical completeness tend to have moderate correlations with other ratings on the SCRB. Scructured Case Review Blank ratings do not correlate with other criteria examined in this study.

APPENDIX B

STRUCTURED CASE-REVIEW BLANK

dentifying data: *mple no. Case no. Stat *ounselor's Name		core
lerical-Handling:	1. Clerical detail	1:2:3:4:5:6:7 low average high
.	2. Organization of case	1:2:3:4:5:6:7 low average high
me ju istu	3. Continuity of Notes	1:2:3:4:5:6:7 low average high
	4. Currency of Notes	1:2:3:4:5:6:7 low average high
i herapeutic Climate, I		
For CREATING A THE Parts: 1) Reports showing per 2) Agency forms for or		low average high
Data: 1) Explicit recognition 2) A plan to provide it		<u>1 : 2 : 3 : 4 : 5 : 6 : 7</u> low average high
Data: 1) Requests for cooper 2) Needs of client you 3) Whether or not client		1:2:3:4:5:6:7 low average high
Data: 1) How well material 2) Notes and letters re		low average high
THE NEED TO CREATE A LEARNING STREET TO CHEER'S IS:	evocational skills	<u>1 : 2 : 3 : 4 : 5 : 6 : 7</u> low average high
Fight 1) Recognition of neo	RVICE PROVIDED	low average high
	Grou	p I D-Score

Group II	Information Giving, Gathering, Evaluating	i.			
4. a) THE	NEED FOR INFORMATION FROM OTHERS AS WELL	· W	7 7 A		
AS C	LIENT IS:	· • • • • • • • • • • • • • • • • • • •	1 : 2 : 3 :	4:5:	<u>6</u> :_:
	Data: 1) Has problems that cannot be solved without information	1	ow ave	rage	higl
	2) Vagueness to case about problems and planning				
b) <u>ТНЕ</u>	AMOUNT OF THIS CASE-SERVICE PROVIDED:		1.2.2.	4.5.	e
1	Data: 1) Actual reports from others or client	_	1:2:3: ow ave	rage	high
	2) Planning to elicit information				
5. a) THE !	VEED FOR GIVING INFORMATION TO CLIENT ABOUT				
VOCA	TIONS AND/OR REHAB. FACILITIES IS:	-	1:2:3:		
-	2) Client knowledgeability	10	ow ave	rage	high
b) THE A	MOUNT OF THIS CASE-SERVICE PROVIDED:				
Ī	Data: 1) Tours, testing, interviews, etc.		1:2:3: pw aver		<u>5 : 7</u> high
	undertaken to provide information				, <u>.</u>
6. a) THE 1	EED FOR A CAREFUL, EXTENDED EVALUATION IS:		1:2:3:	4:5:6	6 : 7
I	Pata: 1) History of failure		ow aver		high
	2) A problem with many implications				_
	MOUNT OF THES CASE-SERVICE PROVIDED:		1 1 2 1 3 1	4:5:6	5:7
L	ata: 1) General manner in which counselor logically relates features of case	lo	w aver	age	high
				 _	7
	Group	II D-Score			
			-	+	_4
	- Structuring				
7. a) THE N	EED TO ARRANGE FOR THIS CLIENT IS:		<u>l:2:3:</u>	<u>4:5:6</u>	1 7
Ľ	ata: 1) Level of independent action 2) Demonstrated ability to cope with similar situations		w aver		high
5 h 1799 ma a					
o) THE A	MOUNT OF THIS CASE-SERVICE PROVIDED:	• • • • • 4	12131		
	2) What planning has fallen through	lo	w aver	lge	high
	for lack of arranging				
8. a) THE N	EED FOR TIME IN THIS CASE IS:	1	12:3:4	11516	. 7
D	ata: 1) Problems arising from lack of time	lo			high
b) THE A	MOUNT OF THIS CASE-SERVICE PROVIDED:		. : 2 : 3 : 4		
D	ita: 1) Last interview and frequency	lo			_' high
9. a) THE N	ED TO ORIENT THE CLIENT TO SERVICES IS:	•			_
D	ta: 1) How well client should know goals	lo	2 3 4 avera		. ¹ <u>.7</u> high
	2) How well client knows the role he plays	-10		- و.	54
	MOUNT OF THIS CASE-SERVICE PROVIDED:	1	121314	1516	. 7
De	ta: 1) Amount of orientation given	lo			high
	2) Client actions that reflect good orientation				
					7
	Group 1	II D-Score			

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APPENDIX C

CO-WORKER RATING BLANK

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<u>ERÎC</u>

We are asking for your help in a research project which concerns the evaluation procedures used towards the work of the rehabilitation counselor. This project - under way since November 1959 and supported by VRA - we hope will help define some of the problems and pertinent dimensions by which such an evaluation can be approached.

One variable we want to study in our project is the perceptions which counselors have about the work of fellow counselors. We feel that co-workers are perhaps in a good position to know some aspects of that work since they have a chance to interact and listen to each other - all of which helps them form some idea of how well the other counselor is performing his job. With this in mind, we thought that one important measure of counselor performance would be the perceptions of fellow workers.

The blank should be completed in the following manner:

- 1. On the last page of the blank, there is a list of names sectioned into district offices. In front of each name there is a number.
- 2. From this list, select the counselors which appear in the same section as your name, and put their numbers in the squares at the top of page 2 above the items to be rated. The initials, etc., of each person may be put below each number in order to help you remember who they are. Please rate all counselors in that section, including yourself. (If you are a supervisor, please rate all the counselors in the section that has your district office in the title. You need not rate yourself.)
- 3. On page 2, there are seven items of a counselor's work on which the people you selected should be compared. On the scale for each item, all the numbers you selected should be placed.

4. On each item, you will compare the behavior, as you see it, of each person you selected to the behavior of the best counselors you have known - or to what you feel the behavior of the best counselor should be. In effect, you are comparing how "like" or similar to your ideal the behavior of the selected counselors corresponds. If it is "most like" your ideal, then the number should be placed near or at the "most like" end, depending on how nearly you feel it is like. If it is "least like," then the other end of the scale should be used, depending on how strongly you feel it is "least like" your ideal.

Appeller & Berton, March 1984 and 1984

5. Work on one item at a time; put all numbers selected on one scale and then move to the next item.

Your reply will be held in strictest confidence; only the investigators have the coding key which identifies each blank. In our enalysis of these data, neither individuals, district offices, nor states will be identifiable.

CO-WORKER RATING BLANK

		Numb	ers or pe	Obte to po	e rated	
1.	In his knowledge of rehabili- tation concepts (medical, psy- chological, vocational, etc.), the counselor	Is most like	•	_::_	: Is leas	t like
2.	In collecting sufficient infor- mation and using it effectively in evaluating a case, the coun- selor		•		•	
		Is least like			Is mos	t like
3.	In learning from experience and showing an attitude of wanting to overcome his shortcomings, the counselor	Is most like	· · · · · · · · · · · · · · · · · · ·	::	Is leas	t like
4.	In giving clients appropriate information and in a manner which is meaningful, the counselor	Is least like	•	_;;_	: Is mos	:
5.	In knowledge about and working relationships with the major community rehabilitation services and agencies, the counselor	Is most like	•		Is leas	:
6.	In creating an atmosphere during counseling sessions which makes it easier for clients to deal with their problems, the counselor	Is least like	••	_::_	Is mos	i
7.	In the over-all performance of his job, the counselor	::::::::::::::::::::::::::_:				•
		Is most like			Is leas	t like

APPENDIX D

JOB SATISFACTION INVENTORY

This inventory is another part of our study into the criteria problem in evaluating the work of the rehabilitation counselor. We are sure that most would agree that satisfaction with a job is a vital component in the performance of that job. This variable we want to include in our study.

The following specific statements concern your feelings, beliefs, and attitudes. There are 70 items in this inventory. For each statement, a five-point scale is provided indicating whether you rarely, sometimes, frequently, generally, or almost always do, feel, or see others as doing as the statement suggests. Thus, for example, you would check the space "R" on the scale if you rarely engage in the activity described:

I worry a lot about my job.

R	S	F	G	A
<u> </u>	:	::		:

Or, see others as engaging rarely in an activity:

The policies and problems of the people under whom I work are adequately explained to me.

X	:	:	;	

To aid you in answering this inventory, the terms rarely, sometimes, frequently, generally, and almost always have been defined on a percentage basis, as follows:

"R" - Rarely: means from 0 to 15 per cent of the time.

"S" - Sometimes: means from 16 to 35 per cent of the time.

"F" - Frequently: means from 36 to 65 per cent of the time.

"G" - Generally: means from 66 to 85 per cent of the time.

"A" - Almost Always: means from 86 to 100 per cent of the time.

These per cent listings have been given at the top of each page in the inventory. There are no "right" or "wrong" answers to these statements. Work as rapidly as you can without being careless, and do not spend too much time on any one statement.

nsv	ver every question.	•	ē	P	<u>G</u>	<u>A</u>
	If I had a choice, I would choose a job in my present line of work over one in any other line of work.	<u>R</u>	<u>\$</u> 	<u> </u>	.:	.:
•	I feel that I have an adequate understanding of what is expected of me in my job.		:	_:	.:	. :
•	It is necessary for me to do things I dislike in order to get promotions.		.:	_:		. :
' •	I feel that to me others could make my work easier if they cared to do so.		.:	_:	_;	_:
.	I worry a lot about my daily work.		. :	:	_:	_;
•	I feel if I could start over again, at 18, I would choose a different line of work.			_:	_:	_:
· •	I feel that people in general respect my job.		.:	_:	_:	_:
3.	There are too many people telling me what to do.		_:	_:		_:
).	I feel that I can always trust the people under whom I work.		_:	_:		_:
0.	My life would seem empty without my work to occupy me.		_:	_:	_:	:
1.	My present job requires me to work too long hours.		_:	_:	:	:'
2.	I am glad to get back to my job after a vacation.		_:		:	;
3.	I feel that I am as efficient as the average person with whom I work.		_:	:	·	_:_
4.	My work is too confining to suit me.	-	;	÷	······································	[‡]
	I feel I am paid a fair salary for the work I do.		_:	:		
	I feel that my work utilizes my full capacities.		;	:		:

"G" - Generally (66% to 85%)

"A" - Almost Always (86% to 100%)

"R" - Rarely (0% to 15%)

ERIC

"S" - Sometimes (16% to 35%)

"p" - Frequently (36% to 65%)

"R" - Rarely (0% to 15%)

"S" - Sometimes (16% to 35%)

"F" - Frequently (36% to 65%)

Ansı	wer every question.	<u>R</u>	<u>s</u>	<u>F</u>	<u>G</u>	<u>A</u>
17.	I feel that I am "in a rut" vocationally.			- ::		3
18.	I feel that I know where I stand with my present employer.					
19.	I feel that my work has a bad effect on my health.					
20.	I come home upset, angry or irritable because of something that happened at work.			::		•
21.	I feel competent and fully able to handle my job.			::	:	
22.	I feel my work suffers because I have too much to do.			:		
23.	I would decline an opportunity to change my present job for one of equal pay, security and status.				:	
24.	I think it is possible to attain my vocational goals in that portion of life that is still ahead of me.	:				
25.	I feel that my family and friends respect my vocation.				•	
26.	I feel there is adequate transportation available to me in going to and from work; as well as in my work when called for.			•		***
27.	I think I really wanted to enter my present job when I started it.				:	
28.	I regard my present position as a lifetime career.					
29.	I think my present job is in the area of work (not necessarily the same job) I wish to remain in permanently.			:	·	

"G" - Generally (66% to 85%)

"A" - Almost Always (86% to 100%)

19

				ήs»		
nswe	er every question.	R	<u>s</u>	<u>F</u>	G	Ā
0.	I expect my job to give me more satisfaction the longer I have it.		.:			
11.	I feel I have had definite adequate preparation for the job I now hold.		.:	_:	.:	:
32.	I feel I have made real and lasting friends among my working associates.	الدادان المساورين	.•	_:	•	•
33.	My position forces me to work with certain individuals whom I dislike.		_:	_:		.•
34.	I get discouraged in my present job.		_:	_:		
35.	I feel that my job detracts from my status in the community where I live.		_:	_:		.:
36.	I consider my work surroundings to be as pleasant as they should be.			_:		.:
37.	I feel I have eventual retirement security in my job.		_••	_:		_:
38.	I get restless during working hours, and feel that the day is dragging endlessly.	الخفود الخارجي	_:	_:	_:	:
39.	I feel that there should be more people to help with the work I am doing.	C	_:	_:	_:	·
40.	I like my present job better than any other I have ever had.		_;	:		:
41.	My job gives me more real personal satisfaction than the things I do in my spare time.	-	:	;	:	_;
42.	I feel my occupation forces me to live in home surroundings which are uncomfortable or inade-		:	:	:	

"G" - Generally (66% to 85%)

"A" - Almost Always (86% to 100%)

"R" - Rarely (0% to 15%)

"S" - Sometimes (16% to 35%)

"F" - Frequently (36% to 65%)

ERIC .

"R" - Rarely (0% to 15%)

Sometimes (16% to 35%)

- Generally (66% to 85%)

Answer every question. 43. I wonder whether the people under whom I work approve of my work. 44. I think my job gets more difficult for me each year. 45. My present job gets me badly flustered and jittery. 46. The policies and problems of the people under whom I work are adequately explained to me. 47. I feel that my general interests and attitudes are about the same as those of my fellow workers who have similar jobs. 48. The method of payment of my earnings causes me inconvenience. 49. I feel at ease in the presence of the people under whom I work. 50. I am so interested in my work that I talk about it a great deal even after working hours. 51. I feel I am kept from living as I would like because of insufficient income.	
43. I wonder whether the people under whom I work approve of my work. 44. I think my job gets more difficult for me each year. 45. My present job gets me badly flustered and jittery. 46. The policies and problems of the people under whom I work are adequately explained to me. 47. I feel that my general interests and attitudes are about the same as those of my fellow workers who have similar jobs. 48. The method of payment of my earnings causes me inconvenience. 49. I feel at ease in the presence of the people under whom I work. 50. I am so interested in my work that I talk about it a great deal even after working hours. 51. I feel I am kept from living as I would like be-	
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it a great deal even after working hours::::::::::_	
	اشین سالان
52. I sm satisfied with the degree to which my pre- sent job gives me an opportunity to express my own ideas.	
53. I find my work so interesting that it is on my mind a lot when I am not at work::::::::::	
54. I feel I have made a success of my job thus far in my career.	
55. My present job forces me to maintain too fast a pace.	

Answe	er every question.	<u>R</u>	<u>.s</u>	<u>F</u>	G	Ā
56.	I reel that my working associates regard me as an equal.		.:	.:		
57.	I feel that I must look outside my work for those things that make life worthwhile and interesting.		•	_:	.:	
58.	My income is sufficient to meet my financial obligations and support my family.		_•	_:	.:	.•
59.	I feel that my associates stimulate me to do better work.		_:			.:
60.	I think my job has "smothered" my personality.		_:	_:	•	
61.	My vocational future looks promising to me.	-	_:	_:	:	.:
62.	I feel that I am really interested in my present job.			_:		
63.	I get along well with the persons with whom I work on my present job.	1	_:		:	
64.	The people under whom I work make available the materials, information and assistance required to do my best work.		_:-	_:	_:	
65.	I feel that the people under whom I work make unfair demands on my free time.			_:	_:	_:
66.	I am afraid of losing my job.	- المستوالية في	:	:	:	_:
67.	I feel that I will become more proficient at my work the longer I have it.		•		•	_:
68.	Those with whom I work seem unreasonable in their dealings with me.	الكنبينية	_:	;	:	_:
69.			;	:	:	_:

"G" - Generally (66% to 85%)

"A" - Almost Always (86% to 100%)

"R" - Rarely (0% to 15%)

ERIC -

"S" - Sometimes (16% to 35%)

"F" - Frequently (36% to 65%)

"R" - Rarely (0% to 15%)	
"S" - Sometimes (16% to 35%)	"G" - Generally (66% to 85%)
"F" - Frequently (36% to 65%)	"A" - Almost Always (86% to 100%)

Answ	er every question.	_		_		•
70.	The people under whom I work are desirous of and willing to make improvements in my working	<u>k</u>	<u>s</u>	<u>F</u>	<u>G</u>	Δ
	conditions.		}	:	:	:

You may use the rest of this sheet for any comments you would like to make concerning this inventory. Thank you for your help.



APPENDIX H

TABLES



TABLE J

CORRELATIONS OF CASE-REVIEW DIMENSION SCORES WITH NINE CRITERIA (N=56)1

	DESCRIPTION OF VARIABLES	CO-WORKER MATINGS	SUPER- VISOR RATINGS	Present State Ratings	JOB SATIS- FACTION	CASELOAD	SIZE OF	NUMBER 12'S	NUMBER 13°S	NUMBER 15'S
-	Creation of a therapeutic climate.	\$	14	13	13	-05	Ž	05	\$	-13
	Working with other agencies or professional associates	8 0	-03	-11	00	07	21	-15	. 00	8
ei ei	Creating a learning situa- tion for client or signifi- cant others.	90	80	00	05	60-	14	8	-03	-05
4.	Getting information from others as well as cilent.	\$	60-	-07	z	10	16	-05	-10	8
'n	Giving information to client about vocations and/or rehabilitation facilities.	1	12	11	13	-01	90	80-	-14	90-
•	Doing a careful, extended evaluation.	05	02	07	-03	60-	16	-01	-14	-11
7.	Arranging for the client.	03	05	Š	60	on ti eref	13	-05	-05	-21
&	Giving sufficient time to a case.	07	05	23	-03	-03	07	-13	-16	-14
•	Orienting the client to services.	05	33*	25	17	-01	90	07	-08	00

relations have been corrected for selection on Co-Worker Ratings.

Significance was tested at df=54 since sampling distribution of corrected r's unknown, but presumably more variable. nificant at .05 level.

TABLE K

ERIC -

CORRELATION OF CASE-REVIEW GROUP AND TOTAL SCORES WITH NINE CRITERIA (N=56)1

DESCRIPTION OF VARIABLES	CO-WORKER RATINGS	SUPER VISOR RATINGS	PRESENT STATE RATINGS	JOB SATIS- FACTION	CASELOAD	SIZE OF CASELOAD	NUMBER 12'S	NUMBER 13°S	NUMBER 15'S
Group I	07	07	03	60	-02	14	-05	-02	90-
 Creation of a therapeutic climate. Working with other agencies or professional associates. Creating a learning situation for client or significant others. 					7723:				
Group II	8	90	05	90	-03	13	8	14	80
4. Getting information from others as well as client. 5. Giving information to client about vocations and/or rehabilitation facilities. 6. Doing a careful, extended evaluation.						•			·
Group III	00	16	21	80	90-	60	60	-12	-13
7. Arranging for the client. 8. Giving sufficient time to a case. 9. Orienting the client to services.					<u>.</u>				
TOTAL SCORE	03	10	10	80	-03	12	07	-10	60-
	•								

1. Correlations corrected for selection on Co-Worker Ratings.

TABLE L

CORRELATIONS BETWEEN CASE-POINTS AND NINE CRITERIA (N=41)

Made Andreadour 1988 - 1997 - 1	CASE-POINTS
Co-Worker Ratings	15
Supervisor Ratings	28
Fresent State Ratings	32*
Job Satisfaction	03
Caseload Velocity	05
Size of Caseload	-22
No. of 12's	08
No. of 13's	-02
No. of 15's	07

NOTE: Decimals have been omitted from correlations. * Significant at .05 level.



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